



## BMA Plug Slide-On Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, .481 inch Hole Spacing

### RF Connectors Technical Data Sheet

PE45344

#### Configuration

- Slide-On BMA Plug Connector
- 50 Ohms
- Straight Body Geometry
- Stub Interface Type
- Solder Attachment
- 2 Hole Flange

#### Features

- Max. Operating Frequency 18 GHz
- Excellent VSWR of 1.22:1
- Gold Plated Brass Contact
- Blind Mate Connector
- Low-Engagement Force

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

#### Description

Pasternack's PE45344 BMA plug slide-on 2 hole flange mount connector with solder attachment stub terminal (.481 inch hole spacing) is part of our full line of RF components available for same-day shipping. Our BMA plug connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.22:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. This BMA 2 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our BMA plug 2 hole flange connector PE45344 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.22:1	
Insertion Loss			0.3	dB
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Plug Slide-On Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, .481 inch Hole Spacing PE45344](#)



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**Mechanical Specifications**

**Size**

Length	0.87 in [22.1 mm]
Width/Dia.	0.63 in [16.00 mm]
Height	0.26 in [6.6 mm]
Weight	0.006 lbs [2.72 g]
Mating Cycles	500 Cycles

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal
Body	Brass	Tri-Metal
Gasket	Silicone Rubber	

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

BMA Plug Slide-On Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, .481 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

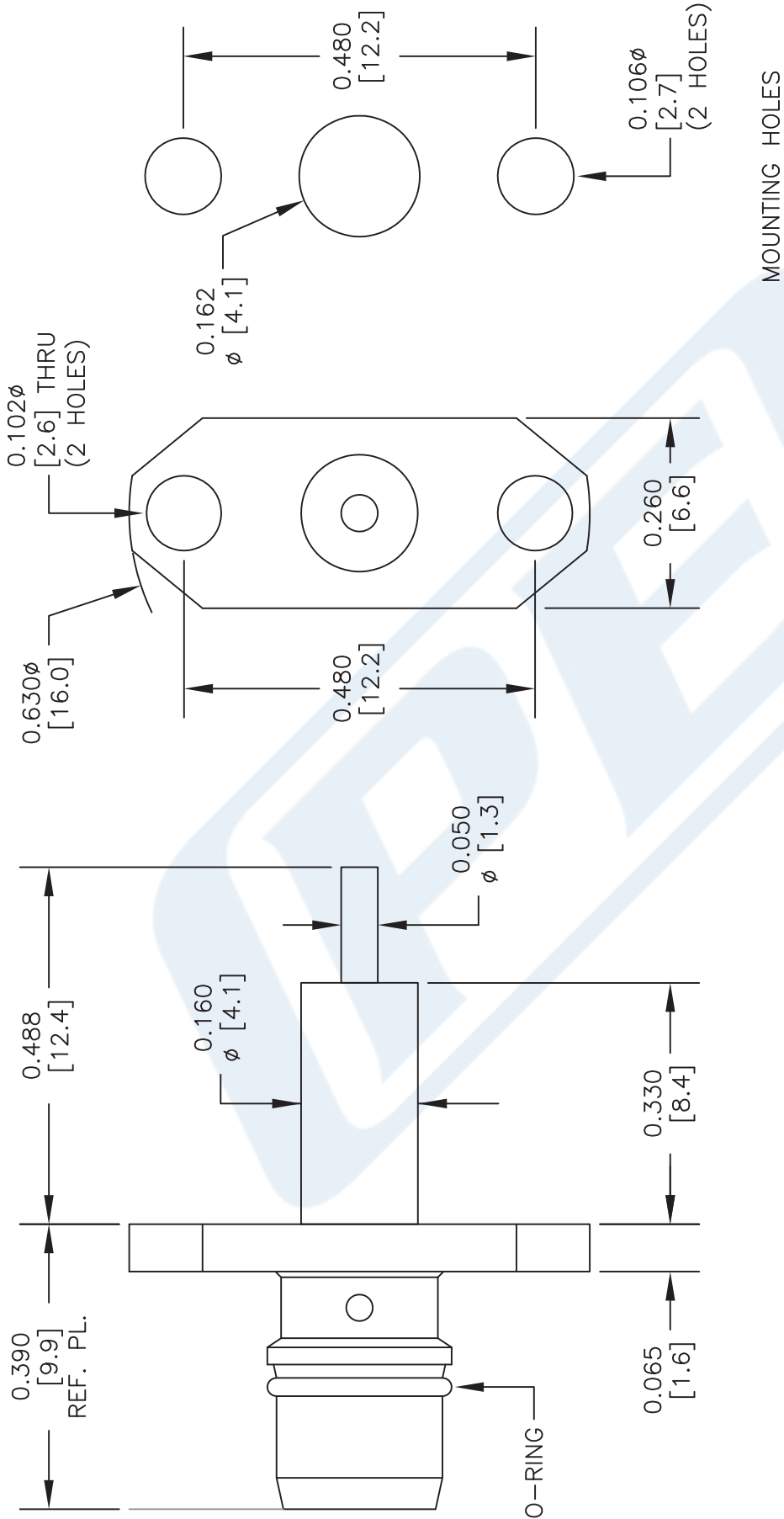
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URL: <https://www.pasternack.com/bma-plug-slide-on-stub-terminal-connector-pe45344-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE45344 CAD Drawing

BMA Plug Slide-On Connector Solder Attachment 2 Hole Flange  
Mount Stub Terminal, .481 inch Hole Spacing



**STANDARD TOLERANCES**

- .X ±0.2
- .XX ±0.1
- .XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



**THE ENGINEER'S RF SOURCE**  
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DWG TITLE

**PE45344**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

CAGE CODE 53919

CAD FILE 021317

SCALE N/A

SIZE A

2233